

Buckinghamshire County Council

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# ANNUAL REPORT

OF THE

Medical Officer of Health  
for the Year 1942

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## PUBLIC HEALTH OFFICERS OF THE AUTHORITY.

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### (a) Whole-time Officers of the County Council:—

#### *County Medical Officer of Health:*

G. W. H. TOWNSEND, B.A., M.B., B.CH., D.P.H.

#### *Deputy:*

G. H. GIBSON, M.B., CH.B., D.P.H.

#### *Assistants:*

W. DODD, M.D., CH.B., M.R.C.P. (res. 25.6.42.)

A. M. ROBERTSON, M.B., CH.B., D.P.H.

T. P. EVANS, M.R.C.S., L.R.C.P., D.P.H.

(Also M.O.H. Urban Districts of Beaconsfield and Chesham).

\*A. M. CRITCHLEY, M.D., CH.B., D.P.H.

(Also M.O.H. Borough of Buckingham and Urban District of Bletchley).

J. T. C. SIMS-ROBERTS, M.B., CH.B., D.P.H. (Barrister-at-Law).

(Also M.O.H. Borough and Rural District of Aylesbury).

(\*Serving with H.M. Forces, Sept., 1939.)

#### *Tuberculosis Officer:*

L. T. BURRA, M.D., M.R.C.S., L.R.C.P.

#### *Mental Deficiency Officer:*

H. V. ADAMS.

#### *Senior Dental Surgeon:*

E. KEW, L.D.S.

#### *Supervisor of Midwives:*

MISS M. F. WEBB.

#### *Assistant Supervisor of Midwives:*

MISS D. E. BLACKMORE.

#### *Supervisor of Infant Welfare Centres:*

MRS. G. W. TURNBULL.

#### *County Council Nurses:*

MISS F. ROSE.

MISS H. M. LYAL.

MISS T. STUBBS.

MISS E. A. MEAKINS.

MISS M. GRIFFIN.

MISS L. S. RAWLINS.

MISS M. BURDETT.

MISS G. E. DOUBLEDAY.

MISS D. TANTON.

MISS A. E. BOLTON.

MISS A. PLANT.

#### *Home Teachers of the Blind:*

MISS E. R. BRAIN (res. 31.5.42.)

MISS A. HAMILTON.

MISS E. BRANSON (app. 22.6.42.)

MISS K. RUTLEDGE.

*Clerical Staff :*

H. H. YEA, Chief Clerk.

H. BENTLEY.	MR. L. HOWARD*.
MISS M. POLLARD.	MR. D. CAUDREY*.
MISS M. BALDWIN.	MISS B. JENKS.
MISS B. M. SYRETT.	MISS M. BRIDGER (app. 16.3.42.)
MR. P. J. CLARKE*.	MR. A. GAUSDEN*.
MR. A. NORTH*.	MR. W. MAYS (res. 17.10.42.)
MR. F. J. MITCHELL.	

\*Serving with H.M. Forces.

(b) **Part-time Officers of the Authority and others discharging duties for the Authority:—**

*Medical Officers—Maternity and Child Welfare :*

DR. N. L. LEVERKUS, M.D., B.Sc.  
 DR. EVELYNE SUMMERS, M.B., CH.B.  
 DR. VICTORIA SMALLPEICE, M.D.

*Consulting Obstetricians :*

C. B. BAXTER, O.B.E., M.D., CH.B.  
 V. J. F. LACK, F.R.C.P., F.R.C.S., F.C.O.G.  
 D. M. W. MAXWELL, B.A., M.B., CH.B.  
 F. W. G. NASH, F.R.C.S., M.C.O.G.  
 A. R. WATSON, M.B., CH.B.

*Public Analyst :*

MR. ERIC VOELCKER, F.I.C., A.R.C.S.

*Bacteriologist :*

DR. A. G. R. MATTICK, National Institute for Research in Dairying.

*Chief Inspector Weights and Measures :*

T. H. JENKS.

*Temporary War Time Appointments :*

DR. J. C. RONALDSON, Asst. Medical Officer (North Bucks),  
 DR. H. SIMMONS, Asst. Medical Officer.  
 DR. M. GRAHAM, Asst. Medical Officer (app. 4.8.42),  
 DR. MARJORIE NORRIS, War Time Nurseries,

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present to you my report on the health and sanitary circumstances of the County for the year 1942.

It is a very brief and in many ways incomplete report of the work of your Committee and gives no indication of the difficulties under which your officers and staff have operated. These difficulties, which need not be stressed, relate in the main to shortages of staff in all grades and the lack of well-qualified officers for posts needing specialised knowledge.

It is gratifying, nevertheless, to note that in spite of war-time difficulties, permanent improvements have been made during the year in the health facilities available to the inhabitants of the county, particularly by the opening of Colinswood Maternity Home, Saunderton Sanatorium, and the new venereal diseases clinic in connection with the Royal Bucks Hospital.

The war-time nurseries and emergency maternity homes need much detailed supervision, but have continued to fulfil their function satisfactorily.

One other development must not pass without note, and that is the steadily increasing co-operation between the Regional Hospital Council and the Local Authorities concerned. There is no doubt that both bodies have an important role to play, and it is encouraging to note the increasing goodwill on both sides in this region, particularly in view of the publicity that has been given to alleged differences between the voluntary and municipal hospitals.

My thanks, Mr. Chairman, are due to you and to all the members of the Committee for the sympathetic way you have received much new and difficult matter brought forward by me and for the help I have received from members of the Committee.

Finally, I am glad to be able to place on record once again my appreciation of the work of the staff, which has, as always, been most satisfactory.

I have the honour to be,

Your obedient Servant,

**G. W. H. TOWNSEND,**

County Medical Officer.

County Health Department,  
County Offices,  
Aylesbury.

## SECTION A.—GENERAL STATISTICS FOR THE COUNTY.

Area of the County—479,360 acres.

Populations:—

Registrar-General's figure for 1942 .....	376,200
1931 Census .....	271,565
No. of inhabited houses (1931) .....	68,994
No. of families or separate occupiers (Census, 1931) .....	71,013
Rateable value (1st April, 1942) .....	£2,547,028
Sum represented by a penny rate .....	£10,102

	1942.			1941.		
	M.	F.	TOTAL.	M.	F.	TOTAL.
Births—						
Legitimate .....	2,852	2,667	5,519	2,375	2,273	4,648
Illegitimate .....	153	118	271	139	117	256
Total .....	<u>3,005</u>	<u>2,785</u>	<u>5,790</u>	<u>2,514</u>	<u>2,390</u>	<u>4,904</u>
Birth-rate—				1940	1941	1942
Urban Districts (per 1,000) .....				14.0	12.5	16.1
Rural Districts .....				12.4	11.5	14.7
County .....				13.2	12.04	15.4
England and Wales .....				14.6	14.2	15.8
Still-births (rate per 1,000 total births) .....				32.9	28.3	26.9
Deaths from all causes—						
Urban Districts .....	1,757	Death-rate .....	11.1	9.6	9.1	
Rural Districts .....	2,026	Death-rate .....	12.1	10.9	10.9	
Total for County .....	3,783	Death-rate .....	11.5	10.3	10.5	
England and Wales .....		Death-rate .....	14.3	12.9	11.6	
Infant Mortality Rate—						
Urban Districts (per 1,000 births) .....			48.5	38.9	34.7	
Rural Districts .....			43.7	42.9	32.8	
County .....			48.5	45.0	33.8	
England and Wales .....			55.0	59.0	49.0	
The Infant Mortality Rate among illegitimate children in the County for 1942 was 77, as compared with 63.3 in 1941 and 60.1 in 1940.						
No. of women dying in, or in consequence of child-birth	{ from sepsis .....		6	4	1	
	{ from other causes .....		7	17	9	
Deaths from—						
Measles .....			6	7	1	
Whooping Cough .....			0	28	4	
Diphtheria .....			0	0	6	
Principal cause of death:—						
Heart Disease .....			954	958	970	
Cancer .....			572	618	462	
Bronchitis .....			308	236	165	
Pneumonia .....			229	253	164	
Influenza .....			68	74	31	
Tuberculosis—Pulmonary .....	114	} 146	155	} 192	112	} 138
Other forms .....	32		37		26	
Total deaths from all causes .....			<u>4,190</u>	<u>4,192</u>	<u>3,783</u>	



## SECTION B.—GENERAL PROVISION OF HEALTH SERVICES.

### (i) LABORATORY FACILITIES.

There has been no important change in the laboratory arrangements during the year, details of which were set out in the Report for 1940.

### (ii) AMBULANCE FACILITIES.

The transport facilities referred to in the Report for 1940 have remained substantially the same. In certain instances the W.V.S. organisation has co-operated in this service, and Civil Defence ambulances have been extensively used in certain areas.

### (iii) HOSPITAL FACILITIES.

There is nothing further to add since the Report for 1941.

### (iv) PUBLIC ASSISTANCE INSTITUTIONS

The following statement shows the number of sick persons chargeable to the County through the Public Assistance Committee on 31st March, 1943:—

	Men.	Women.	Children.	Total
In County Institutions .....	190 (236)	288 (301)	71 (56)	549 (593)
In Institutions outside the County .....	1 (1)	2 —	— —	3 (1)
Relieved in Special Institutions.....	14 (14)	36 (32)	4 (5)	54 (51)
Persons of unsound mind maintained in Mental Hospitals .....	334 (336)	441 (448)	— —	775 (784)
In receipt of outdoor medical relief...	364 (—)	2210 (—)	398 (—)	2972 (2977)

The figures in brackets indicate the numbers on the same date in the previous year.

### (v) MENTAL DEFICIENCY.

**County Institutions.**—There has been no significant change in the arrangements as set out in the report for last year.

**Non-County Institutions.**—Cases maintained in non-county institutions again shew a slight increase, the number being 67 as against 61 for the previous year.

Nine deaths occurred during the year among the certified patients.

Five patients, three male and two female, were discharged from their orders of detention.

The following table shows the number of cases on the register on 31st December, 1942:—

	Male.	Female.	Total.
In certified institutions .....	161	218	379
On licence from institutions .....	13	22	35
Under Guardianship Orders .....	29	41	70
Under Statutory Supervision .....	119	90	209
Under Voluntary Supervision .....	74	56	130
Under Supervision on behalf of the Educa- tion Committee .....	46	24	70
Children in Special Schools .....	15	12	27
Public Assistance cases in receipt of Indoor Relief .....	9	5	14
Outdoor Relief .....	19	11	30
In County Mental Hospital .....	52	35	87
Reported from reliable sources but no action yet taken .....	19	14	33
	556	528	1,084

The Bucks Voluntary Association for the Care of the Mentally Defective continues to assist in the supervision of all known cases of mental defect living in their homes, the visitors' reports being submitted quarterly and carefully checked by the appropriate Committees.

Home training is also arranged in certain cases and 25 defectives were regularly receiving tuition by nine part-time home teachers.

The occupation centre at Slough has completed its first year, and there are now 22 children in attendance. Much good work has been done, and the happiness of the children is reflected in the improvement shown, and by their eagerness to attend. The children are supplied with a hot mid-day meal on the same terms as those applying to the elementary school children.

#### (vi) WELFARE OF THE BLIND.

The arrangements for the relief of the Blind on behalf of the County Council by the Bucks Association for the Blind continue to work satisfactorily.

In the financial year ended 31st March, 1943, domiciliary grants paid to necessitous blind persons amounted to £5,707 14s. 0d.

From the Annual Report of the Association for the year ended 31st March, 1943, the following extracts are made:—

The number of registered blind persons shows a slight decrease. On March 31st, 1943, there were 392 registered blind in the County, as compared with 393 in the previous year. The great majority are over middle age—302 being over the age of 50 years.

The ages of the blind population are shown in the following table:—

Under 1 year .....	—	65—70 years .....	43
1—5 years .....	—	Over 70 years .....	159
5—16 years .....	9	Age unknown .....	4
16—21 years .....	5		
21—40 years .....	36		
40—50 years .....	36		392
50—65 years .....	100		

316 persons are classed as “unemployable.” These are principally elderly people, but there are 51 who have serious mental or physical disability which prevents them from working, as shown below:—

Mentally defective .....	18
Physically defective .....	19
Deaf, including 1 deaf-mute .....	14

Four persons are in homes for the blind, 4 in mental hospitals, and 15 in public assistance institutions.

The approved Home Workers numbered 25 at the end of March, 1943. These Home Workers continue under the general supervision of the Royal London Society for Teaching and Training the Blind, and the Home Teachers also help by arranging sales of work.

In all, 53 blind persons are usefully employed, and four are under training. The employments followed are:—

Basket makers .....	11	Labourers .....	2
Boot repairers .....	4	Farmers and poultry farmers	3
Agents and shopkeepers .....	5	Teachers .....	1
Knitters (hand and machine)	8	Tuners .....	6
Music teacher .....	1	Telephonists .....	1
Woodworker .....	1	Miscellaneous .....	9
Typist .....	1		

The Association continues to co-operate with the British Wireless for the Blind Fund, and assists in the maintenance of the sets. During the year £91 4s. 7d. was expended in providing new batteries, and for repairs and replacements of parts.

The Home Teachers carry out the duties of giving instruction in the homes of blind persons in Braille, Moon and several handicrafts. The total number of visits paid was 6,062, this number including 859 visits to evacuated blind persons.

#### (vii) MATERNITY AND CHILD WELFARE.

This section of the Report, in so far as it deals with the midwifery services and registered nursing homes, refers to the whole administrative County. The Borough of High Wycombe is a separate Maternity and Child Welfare Authority, and details of its child welfare work will be included in the Report of the Medical Officer of the Borough.



(a) **Midwifery Services.**—The number of midwives who notified their intention to practice was 205. Of this number, 135 were domiciliary midwives, 63 institutional, and 7 acted in a temporary capacity.

The number of cases attended by midwives was as follows:—

	1940.	1941.	1942.
Cases attended as midwives .....	1,952	2,117	2,303
Cases attended as maternity nurses .....	1,713	2,107	2,141

In accordance with the rules of the Central Midwives Board, notifications were received from midwives during the year, as follows:—

Notices of sending for medical aid ... 661 (555 mothers).  
(106 infants).

Still births ..... 34  
Deaths of mothers ..... 2  
Deaths of infants ..... 32

During the year the supervisor of Midwives made 398 visits of inspection to midwives.

The following is a summary of work carried out during the year in connection with the Evacuation Scheme:—

Number of cases attended by Midwives alone .....	933
Number of cases attended by Midwives with doctor .....	754
Number of notifications of sending for medical aid .....	111
Number of notifications of still-birth .....	—
Number of notifications of deaths of infants .....	5
Number of visits and inspections by Supervisor of Midwives .....	16

(b) **Registered Nursing Homes.** — The County Council exercises the powers under the Public Health Act, 1936, over the whole County, and has not delegated its powers to any District Council.

The following particulars are given of action taken during 1942:—

1. No. of applications for registration .....	7
2. No. of homes registered .....	7
3. No. of orders made refusing or cancelling registration .....	1
4. No. of appeals made against such orders .....	—
5. No. of cases in which such orders have been	
(a) confirmed on appeal, and .....	—
(b) withdrawn .....	—
(c) refused .....	—

A list of Registered Nursing Homes in the County is set out in Section F (b) of this Report.

(c) **Infant Welfare Centres.**—The following table shows the attendances at the 60 infant welfare centres during the year. The figures in brackets relate to the year 1941:—

			Evacuation Scheme	
(i) No. of times Centres opened.....	1,522	(1,533)	214	(377)
(ii) No. of children under 1 year who attended at least once .....	5,875	(5,670)	424	(1,455)
(iii) No. of children between 1-5 years who attended at least once .....	6,741	(6,948)	690	(1,622)
(iv) No. of attendances of children under head (ii) .....	30,704	(25,847)	1,675	(4,952)
(v) No. of attendances of children under head (iii) .....	19,872	(21,115)	1,728	(3,795)
(vi) No. of mothers who attended at least once .....	10,069	(10,473)	996	(2,661)
(vii) No. of attendances under head (vi).....	45,719	(42,318)	2,608	(8,785)
(viii) No. of expectant mothers who attended at least once .....	246	(374)	86	(179)
(ix) No. of attendances under head (viii)...	696	(842)	278	(489)

Appendix (c) at the end of the Report gives details of the Centres,

(d) **Milk Assistance Scheme.**—As indicated in the Report for 1940, the Ministry of Health had introduced a scheme for a supply of liquid milk. Only a small amount of dried milk has been issued through infant welfare centres.

(e) **Dental Treatment, Expectant and Nursing Mothers.**—The dental treatment of expectant and nursing mothers and infants up to 5 years of age continued to be carried out by private dental practitioners whose charges for the work are based upon lines similar to the dental benefit provided by approved societies under the National Health Insurance Act.

The following shows the numbers who received treatment:—

	1940	1941	1942
Expectant and Nursing Mothers .....	39	48	53
Infants up to 5 years of age .....	4	5	1

(f) **Health Visiting.**—The County Council employs 12 whole time Health Visitors and by arrangement with Voluntary Nursing Associations is enabled to have the services of 85 District Nurses. During the year arrangements were made to take over the majority of the health visiting in the Slough area from the District Nursing Association, and an additional health visitor was appointed in August for this purpose, as well as to assist in other activities of the Public Health and Housing Committee.

The following table shows the visits paid during 1942:—

	First Visits.	Total Visits.
Expectant Mothers .....	2,001	14,716
Children under 1 year of age .....	2,829	13,227
Children between 1-5 years of age .....	—	22,488

(g) **Maternity Accommodation.**—During the year under review the demand for maternity accommodation in the County was very great and difficulty was experienced in providing the required facilities, particularly in the mid and south parts of the County. Owing to inability to obtain suitable staff the Putnam House authorities intimated that they could not accept County cases after 30th June, 1942, and to meet this loss of accommodation, arrangements were established with the Charing Cross Hospital for the admission of cases to their maternity unit at Ashridge.

In co-operation with the hospital authority, excellent arrangements were made at Chesham for ante-natal examination work in connection with cases admitted to Ashridge.

In addition, the County Council purchased, equipped and staffed premises known as Colinswood at Farnham Common, and this Maternity Home was opened for the reception of cases in December, 1942. The Home will provide for 18 cases and 2 isolation beds. It is interesting to record that this is the first Maternity Home controlled solely by the County Council, and there is every indication that the venture will be a success.

The following table shows the number of County maternity cases admitted during 1942 to Institutions with whom the County Council have arrangements:—

	No. of Cases Admitted.
Mid Bucks Maternity Home, Aylesbury.....	64
Royal Bucks Hospital, Aylesbury .....	48
Radcliffe Infirmary, Oxford .....	45
County Hospital, Bedford .....	11
Municipal Maternity Home, High Wycombe .....	96
Maternity Home, Slough .....	16
Barratt Maternity Home, Northampton .....	114
Royal Berkshire Hospital, Reading .....	15
West Herts Hospital, Hemel Hempstead .....	—
Charing Cross, Ashridge .....	91
Colinswood .....	5

(h) **Emergency Maternity Homes.**—There has been no change in the provision of Emergency Maternity Homes during 1942, and the following institutions were in operation:—

1. Shardeloes, Amersham.
2. The Grange, High Wycombe (up to 30th September, 1942).
3. East End Maternity Hospital, Tyringham.

Ante-natal and Post-natal residences have also been established to operate in conjunction with the Emergency Maternity Homes.

The following is a brief summary of the cases admitted during 1942:—

	The Grange. High Wycombe.	East End M. Home. Tyringham.	Shardeloes. Amersham.
No. of Births:	178	544	700
„ of Admissions	179	595	736
„ Still-Births:	3 (1.7% of total).	11 (2% of total).	23 (3.2% of total).
„ Breech Presentations:	—	13	7 (1.0% of total).
„ Antè-partum hæmorrhage:	—	9	9 (1.29% of total).
„ Post-partum hæmorrhage:	1	33	15 (2.1% of total).
„ Caesarian section:	—	—	4 (.57% of total).
„ Forceps Deliveries:	2	22	43 (6.14% of total).
„ Twins:	1	6	4 (.57% of total).
„ Neo-Natal Deaths	4	7	6 (.9% of total).
„ Maternal Deaths:	—	1	—

#### (viii) War-Time Nurseries.

Only a brief reference was made in last year's report to this matter. Good progress has, however, been made since the establishment of the War-Time Nurseries Committee in July, 1941. The provision of this type of nursery is naturally confined to those areas where industrial interests are greatest. The following table gives the establishment of nurseries at 31st Decembr, 1942.

Name of Nursery.	Accommodation.	No. on Register.	Average monthly Attendance
Walton Cottage, Aylesbury .....	42	45	34
Fairmile, Turnfurlong, Aylesbury .....	40	41	16
Beech Green, Southcourt, Aylesbury ...	40	27	22
Rover Hut, Longwick Road, Princes Risborough .....	20	14	11
Henry Allen Nursery, Amersham .....	44	46	22
Masonic Hall, Marlow .....	25	30	13
Social Centre War-time Nursery, Slough	30	25	14
Baylis Court Nursery, Slough .....	45	47	15
			Open July/42
Cippenham Day Nursery, Slough .....	30	32	19
			Taken over by B.C.C. Dec./42
	316	307	18.5



## SECTION C.—SANITARY CIRCUMSTANCES OF THE AREA.

(i) **Water Supply.** (ii) **Drainage and Swerage.** (iii) **Housing.**

(i) **Water Supply.**—A full statement was given in the Report for 1940, and it is not proposed to make any further review for the year under consideration.

(ii) **Drainage and Sewerage.** (iii) **Housing.**—In view of the conditions prevailing in war-time it is proposed to comment on these questions in later reports.

## SECTION D.—INSPECTION AND SUPERVISION OF FOOD.

(i) **Food and Drugs.**

The Chief Inspector of Weights and Measures submits the following Report for 1942:—

During the year 1,304 samples of food and drugs were taken, of which 140 were found to be adulterated or unsatisfactory in other respects.

The number of samples submitted to the Public analyst was 453, 91 of which were reported against. Of the remaining 846, 841 consisted of milk samples and 5 of spirit samples tested by the Inspectors in the Department's laboratory. Of the 453 samples sent to the Public Analyst, 72 consisted of milk, 53 suspected of adulteration, while the remaining 19 were the consequential "follow-up" samples, i.e., taken on "appeal to cows" or "in course of delivery."

In addition to the above, 521 informal samples of milk were taken on delivery to schools in accordance with the arrangements for the supervision of the milk under the "Milk in Schools Scheme." Five of these were slightly deficient in fat, due to bad "bulking" on the part of the vendors, and warnings were given.

Samples of milk and foodstuffs were taken on behalf of the Public Assistance Committee and the various institutions in the County; at the Mental Hospital and Manor House and on behalf of hospitals and London County Council educational establishments.

Offences against the Food and Drugs Act continued to show an upward trend. The shortages of fruit juices and sugar was reflected by the activities of a large number of so-called "cordial" manufacturers who saw in the shortage an easy means of making money. These concoctions usually consisted of 97 to 99% water, some citric or tartaric acid, flavouring and dye. In some cases they were sold at a higher price than genuine cordials.

Imitation "tonic wines" also appeared on the scene and concoctions costing about one penny per bottle to manufacture were sold for as much as 5s. 6d. In the case of two so-called "wines," proceedings were taken under the Merchandise Marks Act.

One interesting case related to a sample of "Onion Juice," which the Public Analyst reported was practically all water; it was at any rate only equivalent to a liquid obtained by soaking one medium-sized onion in a gallon of water.

Thirteen cases of milk adulteration were all successfully prosecuted, one case being dismissed. In addition, one dairyman was convicted for obstruction after refusing to sell a sample to an Inspector.

In all, 63 cases were prosecuted, the total fines and costs amounting to £1,065 1s. 6d. This is easily a record. 2 defendants were also sentenced to one month's imprisonment. 5 summonses were dismissed, 2 of these being in connection with the presence of arsenic, lead, zinc and copper sulphate in a "Table Cream." The amount of arsenic in this preparation was considerably in excess of the standard recommended by the Royal Commission on Arsenical Poisoning in 1903. The defence that the amount was not harmful was accepted by the Justices. The result of this case, coupled with the fact that the defendants were convicted in an adjoining County, points to the necessity for statutory effect to be given to the Royal Commission's recommendations, and for limits being fixed for harmful metallic contaminations of all kinds.

Prosecutions were also taken under the Merchandise Marks Act in connection with the sale of so-called disinfectant which had no disinfecting value, convictions being obtained in 5 cases.

(ii) **Food and Drugs Act, Part II. (Milk and Dairies Orders).**

297 samples of milk taken mainly at places of production were submitted for microscopical examination and animal inoculation test, the number of cows involved totalling 5,323. A further 518 similar samples were taken on delivery to schools in connection with the supervision of the Milk in Schools Scheme. As a result of all this sampling, 26 cows were slaughtered under the Tuberculosis Order, while statutory notices were served on the owners of 173 cows suffering from scheduled diseases and whose milk was unfit for human consumption.

The number of producers licensed to use a special designation during the year was 224 (146 "Accredited" and 78 "Tuberculin Tested"). Eighteen licensees relinquished their licences through removal or other causes, and 4 were revoked. 14 licences were suspended for various periods.

799 samples were taken from licensed producers, 179 of which failed to pass the prescribed test. In addition 42 pre-licence "cheque" samples were taken.

The number of complaints from other local authorities was 8, viz., Middlesex County Council 3, Herts County Council 4, and L.C.C. 1. As a result of investigation into these cases, 4 tuberculous cows were subsequently slaughtered.

The total number of cows giving tubercular milk slaughtered under the Tuberculosis Order during the year was therefore 30.

## SECTION E.—PREVALENCE OF, AND CONTROL OVER INFECTIOUS DISEASE.

(i) Apart from the usual incidence of seasonal cases of infectious disease, it is gratifying to record that there has been no outbreak on which any comment is required.

The table at the end of this Report (Section F(f)) gives the number of cases of infectious diseases notified in urban and rural districts.

In May, 1942, the Ministry of Health issued the Scabies Order, 1941, which suggested that the local medical officers of health should be responsible for securing the requisite inspections, cleansing and treatment of affected persons. A conference of medical officers of health was held to ensure smooth working of the arrangements. The County Council have arranged to provide institutional treatment accommodation where required and the full-time County Council Nurses give what assistance they can in other ways.

ii) **Vaccinations.**

The County is divided into 61 vaccination districts in which 48 Public Vaccinators are employed. Public Vaccinators are also appointed for the Council's Public Assistance Institutions.

The Registrar General requires two returns to be submitted to him annually, one in respect of successful primary vaccinations and re-vaccinations performed by Public Vaccinators and Medical Officers of Public Assistance Institutions, and the other in respect of the vaccinations of children whose births were registered in the previous year. These returns are summarised as follows for 1942:—

No. of successful Primary Vaccinations.			No. of successful re-vaccinations of persons who had been successfully vaccinated at some previous time.
Under one year of age.	One year and upwards.	Total.	
1,080	231	1,311	271



(iii) **Diphtheria Immunisation.**

Good progress has been made in this matter, and in most instances local authorities have made efforts to secure the immunisation of cases in their area. The table (h) in Section F set out at the end of this Report gives an indication of the work carried out during the year in the various districts.

During 1942 welfare centres have co-operated as far as possible with local authorities in effecting immunisation of children under 5 years of age. During the year 3,305 children were immunised, as compared with 3,063 in 1941. This number has for the most part been included in the first column of the table referred to above, which reveals that 3,870 children under 5 years of age have received a full course of immunisation.

(iv) **Cancer.**

The Council have not yet provided any special facilities in the County for the treatment of cancer, neither have they entered into any agreement with other local authorities or voluntary bodies for this purpose.

(v) **Venereal Diseases.**

For the treatment of venereal diseases the Bucks County Council is a participating authority in the London and Home Counties Scheme and has the advantage of the facilities provided at the clinics of 18 large general and special hospitals in London. In addition, excellent facilities are provided by arrangement with the General Hospital, Northampton, and the Radcliffe Infirmary, Oxford.

In October, 1942, the County Council completed negotiations with the authorities of the Royal Bucks Hospital for the establishment of a venereal diseases clinic at the out-patients' department. The clinic is in charge of Dr. G. H. Gibson, Deputy County Medical Officer, who attends on Mondays and Thursdays for treatment of males and females at two separate sessions on both days. It is hoped to establish a further clinic at Windsor to serve the southern part of the County.

The following table shows the work carried out in 1942, including the Aylesbury Centre:—

	London.		Northants.		Oxford.		Ayles- bury.
	1941.	1942.	1941.	1942.	1941.	1942.	1942.
No. of new patients .....	144	197	19	19	24	17	46
Total no. of attendances .....	1,943	2,241	327	102	492	272	192
Total no. of in-patient days .....	449	486	—	—	12	37	—
<b>Pathological Specimens:—</b>							
<b>At Centres—</b>							
Detection of Spirochaetes .....	14	—	7	1	—	—	1
„ „ Gonococci .....	686	436	38	23	38	31	112
„ „ Wasserman Reaction .....	289	324	32	21	42	39	112*
Others .....	288	458	2	4	8	—	15
<b>For practitioners—</b>							
Detection of Spirochaetes .....	—	—	—	—	—	—	—
„ „ Gonococci .....	14	40	—	—	—	—	—
„ „ Wasserman Reaction .....	85*	309	—	—	—	—	—
Others .....	83	259	—	—	—	—	—

\* Includes 17 specimens sent up for examination to St. Thomas's Hospital from the County Health Department.

For many years the British Social Hygiene Council has been responsible for carrying out propaganda work in connection with venereal diseases, but in April of this year the Central Council for Health Education took over this branch of work and incorporated it with their general scheme for the advancement of health education. The Central Council is a very active organisation, and every advantage will be taken of the facilities they provide in promoting knowledge of health education in the County.

(vi) **Tuberculosis.**

This is another matter to which the Ministry of Health have been paying particular attention during 1942, and in December they issued a Circular and Memorandum on the subject of mass miniature radiography and maintenance allowances for persons undergoing treatment for pulmonary tuberculosis. This is obviously a big question and fuller reference to it will be made in the Report for 1943.

In order to provide further urgently required accommodation for the treatment of tuberculosis the Ministry of Health agreed that the premises at Saunderton, reserved for many years for small-pox purposes, could be used for cases of tuberculosis. Arrangements were accordingly made towards the end of 1941 for necessary structural alterations to be made, the appointment of medical and nursing staff and the provision of the necessary furniture and equipment. A Sub-Committee was appointed and the Saunderton Sanatorium was opened for twenty cases on 23rd September, 1942.

**Notification.**—165 notifications of pulmonary and 71 non-pulmonary were received during 1942, as compared with 149 and 55 for 1941.

**Deaths.**—There were 138 deaths from tuberculosis in 1942, as compared with 192 in 1941.

In connection with treatment by artificial pneumothorax, X-Ray examinations are now considered essential, so that for the diagnosis of doubtful cases and for "A.P." cases X-Ray examinations become more and more frequent. The excellent results obtained by the Radiographers at the Royal Bucks Hospital and Wycombe War Memorial Hospital have been of the greatest assistance, and the co-operation of the Hospital Staffs is much appreciated by the Tuberculosis Officer. For cases in the north of the County the Northampton Borough Council have kindly consented to their Tuberculosis Officer making any necessary X-Ray examination, and his help has been very valuable, as has that of the Radiologist at the Chalfont Hospital and at Chesham Cottage Hospital.

Examinations of specimens of sputum, etc., are made free of charge for practitioners in the County. During the year 528 specimens were examined, in 90 of which tubercle bacilli were found, the other 438 giving a negative result.

As in recent years the majority of cases of tubercle of bones and joints have been sent direct to the Orthopaedic Clinics. It is hoped that such cases will get fewer in proportion to the elimination of bovine sources of infection.

Without the goodwill and help of medical practitioners throughout the County, it would be impossible to get into touch with the cases of tuberculosis, and the Tuberculosis Officer would once more acknowledge with thanks their co-operation.

**NEW CASES AND MORTALITY, 1942.**

Age Periods.	NEW CASES.				DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0—1 .....	...	...	...	1	...	...	4	6
1—5 .....	1	2	5	3	...	...	3	5
5—10 .....	3	1	12	3	} 39	31	1	5
10—15 .....	2	2	5	8				
15—20 .....	4	7	3	1	} 24	7	...	2
20—25 .....	25	14	4	6				
25—35 .....	30	19	5	5				
35—45 .....	18	8	2	5	} 7	4	...	...
45—55 .....	12	2	...	...				
55—65 .....	6	...	...	2				
65 and upwards ...	5	4	1	...				
TOTALS .....	106	59	37	34	70	42	8	18

## SECTION F.—TABLES, ETC.

## (a) LIST OF SANITARY AUTHORITIES.

<i>District.</i>	<i>Medical Officer of Health.</i>
<b>URBAN DISTRICTS.</b>	
Aylesbury, Borough of	J. T. C. SIMS ROBERTS, M.B., CH.B., D.P.H., Barrister at Law.
Beaconsfield .....	T. P. EVANS, M.R.C.S., L.R.C.P., D.P.H.
Bletchley .....	A. MICHAEL CRITCHLEY, M.D., CH.B., D.P.H.*
Buckingham, Borough of .....	A. MICHAEL CRITCHLEY, M.D., CH.B., D.P.H.*
Chesham .....	T. P. EVANS, M.R.C.S., L.R.C.P., D.P.H.
Eton .....	V. A. T. SPONG M.B., B.S., D.P.H.
Linslade .....	M. C. ROTHCOPE, M.B., B.S., M.R.C.S., L.R.C.P.
Marlow .....	F. H. P. WILLS, L.M.S.S.A.
Newport Pagnell .....	C. H. F. BAILEY, M.R.C.S., L.R.C.P.
Slough .....	V. A. T. SPONG M.B., B.S., D.P.H.
Stratford & Wolverton	D. W. A. BULL, M.D., M.R.C.S., L.R.C.P.
Wycombe, Borough of .	W. B. MOORE, M.B., CH.B., D.P.H.
<b>RURAL DISTRICTS.</b>	
Amersham .....	H. ENGLAND, M.R.C.S., L.R.C.P.
Aylesbury .....	J. T. C. SIMS ROBERTS, M.B., CH.B., D.P.H. Barrister at Law.
Buckingham .....	G. B. PEARSON, L.R.C.P., L.R.C.S. (died 29.12.42).
Eton .....	V. A. T. SPONG M.B., B.S., D.P.H.
Newport Pagnell .....	C. H. F. BAILEY, M.R.C.S., L.R.C.P.
Wing .....	W. H. SQUARE, L.R.C.P., L.R.C.S.
Winslow .....	A. E. LEAPINGWELL, M.R.C.S., L.R.C.P.
Wycombo .....	F. H. P. WILLS, L.M.S.S.A.

\*Serving in H.M. Forces,

## (b) REGISTERED NURSING HOMES.

	NAME AND ADDRESS.	DESCRIPTION.
AMERSHAM ... ..	Tenterdon, Chestnut Close.	Maternity or Medical.
AYLESBURY ... ..	"Rosser," 31, Tindal Road.	Surgical, Medical. Aged, Infirm.
BEACONSFIELD ... ..	The Kinellan Nursing Home, Penn Road.	Maternity, Medical, Acute Surgical, Aged, Infirm.
" ... ..	St. Joseph's Home.	Maternity, Acute Sur- gical, Medical or Minor Surgical, Aged, Infirm.
BLETCHLEY ... ..	Red Houso Bungalow, High Street.	Maternity.
CHALFONT ST. GILES ... ..	Berndory, Burton's Lane.	Ear, Nose and Throat.
CHALFONT ST. PETER ... ..	Roshana.	Medical, Minor Surgi- cal, Aged, Infirm.
CHESHAM ... ..	The Cottage, Amy Lane.	Aged, Infirm.
DATCHET ... ..	Holmcroft,	Maternity, Medical, Surgical, Aged, Infirm.
" ... ..	The Old Bridge House.	Medical, Minor Sur- gical, Aged, Infirm.
DRAYTON HOLLOWAY	Drayton Holloway, nr. Tring.	1 Convalescent.
FARNHAM COMMON	"Daneby," Green Lane.	Maternity, Medical, Minor Surgical, Aged, Infirm.
FULMER ... ..	Fulmer Chase and Fircroft, Stoke Common.	Maternity. (For wives of officers in Forces.)
GERRARDS CROSS ...	Chalfonts Nursing Home.	Maternity, Acute Sur- gical, Medical or Minor Surgical, Aged, Infirm.
" ... ..	Sandygate, Fulmer Road.	Maternity.
" ... ..	Lyncroft, Pack Horse Road.	Medical, Minor Sur- gical, Aged, Infirm.
HIGH WYCOMBE ...	The Willows, 147, West Wycombe Road.	Maternity, Surgical.
" ... ..	St. George's, 123, London Road.	Medical, Minor Sur- gical, Aged, Infirm.
" ... ..	Sefton, 113, Totteridge Road.	Medical, Minor Surgi- cal, Maternity, Acute Surgical, Aged In- firm.

## (b) REGISTERED NURSING HOMES (Continued).

	NAME AND ADDRESS.	DESCRIPTION.
LANGLEY ... ..	The Moat House.	Mental, Nerve.
„ ... ..	Heathlands, 262, High Street.	Chronic, Medical or Minor Surgical, Aged and Infirm.
LEE COMMON ... ..	Laurel Villa.	Medical, Aged, Infirm.
MARLOW ... ..	The Berkeley Nursing Home.	Maternity, Medical, Surgical, Aged, In- firm.
MURSLEY ... ..	Richmond Lodge.	Medical, Minor Surgi- cal, Aged, Infirm, Convalescent, Mater- nity.
NEWPORT PAGNELL	Tykeford Abbey Nursing Home.	Mental, Maternity or Surgical.
„ ... ..	Tyringham Nursing Home.	Surgical, Medical, Aged, Infirm.
OLNEY ... ..	90, High Street.	1 Maternity.
PRESTWOOD ... ..	The White House.	Medical, Minor Sur- gical.
SLOUGH ... ..	Heathfield Nursing Home, Heathfield, Uxbridge Villas, Uxbridge Road.	Aged, Infirm.
„ ... ..	Parkside Nursing Home, Upland Court Road.	Maternity, Surgical, Aged, Infirm.
„ ... ..	The Nursing Home, Burling- ton Road.	Maternity.
STOKE POGES ... ..	Fulmer Grange.	Medical, Minor Surgi- cal, Aged, Infirm.
WENDOVER ... ..	Red House.	Maternity, Medical or Minor Surgical, Aged, Infirm.



## (c) INFANT WELFARE CENTRES.

NAME OF CENTRE.	SITUATE.	BY WHOM PROVIDED.
AMERSHAM .....	St. Michael's Hall	Voluntary Committee
CHESHAM BOIS .....	British Legion Hall	Voluntary Committee
AYLESBURY .....	The Clinic, Pebble Lane	County Council
BEACONSFIELD .....	The Old Rectory	Voluntary Committee
BLEDLOW AND DISTRICT ...	The Memorial Hall	County Council
BLETCHLEY .....	School Clinic	Voluntary Committee
BOURNE END .....	Red Lion Hotel	Voluntary Committee
BRADWELL .....	Methodist Church School Room	County Council
BRILL .....	Working Men's Institute	Voluntary Committee
BUCKINGHAM .....	Congregational Schoolroom	Voluntary Committee
BURNHAM .....	Lent Rise Hall	Voluntary Committee
CHALFONT ST. GILES .....	First Aid Post, Hill House, Deanway	Voluntary Committee
CHALFONT ST. PETER .....	Hospital Hut	Voluntary Committee
CHARTRIDGE AND THE LEE	Reading Room, Chartridge	Voluntary Committee
CHENIES .....	23, Brushwood Drive, Chorley Wood	Voluntary Committee
CHESHAM .....	The Clinic, Germain St.	Voluntary Committee
CIPPENHAM .....	Central Hall	Voluntary Committee
DATCHET .....	Working Men's Club	Voluntary Committee
DOWNLEY .....	Memorial Hall	Voluntary Committee
ELLESBOROUGH .....	Village Hall	Voluntary Committee
ETON .....	College Arms, High St.	Voluntary Committee
ETON WICK .....	Chapel Hall	Voluntary Committee
FARNHAM ROYAL .....	The Village Hall,	Voluntary Committee
ST. MICHAEL'S, FARNHAM ROYAL .....	Slough Social Centre	Voluntary Committee
FLACKWELL HEATH .....	Temperance Hall	Voluntary Committee
FRIETH .....	Village Institute	Voluntary Committee
GERRARDS CROSS .....	Memorial Hall	Voluntary Committee
LANGLEY .....	Men's Club Room	Voluntary Committee
GREAT HAMPDEN .....	Parish Room	County Council
GREAT MISSENDEN .....	The Church Room	Voluntary Committee
HORTON .....	Champneys Hall	Voluntary Committee
HOLMER GREEN .....	Baptist School Room	Voluntary Committee
IVER .....	The Village Hall	County Council
IVINGHOE & DISTRICT .....	The Town Hall	Voluntary Committee
KIMBLE .....	Mrs. Lavington's, Askett	Voluntary Committee
LACEY GREEN .....	Memorial Hall	County Council
LANE END .....	Memorial Hall	Voluntary Committee
LAVENDON .....	The George Club Room	Voluntary Committee

## (c) INFANT WELFARE CENTRES (Continued).

NAME OF CENTRE.	SITUATE.	BY WHOM PROVIDED.
LINSLADE .....	Forster Institute	Voluntary Committee
LONG CRENDON .....	The Old Court House	Voluntary Committee
LOUDWATER .....	Village Hall	Voluntary Committee
MARLOW .....	Public Library	Voluntary Committee
NAPHILL .....	Memorial Hall	Voluntary Committee
NEWPORT PAGNELL .....	73, High Street	County Council
OLNEY .....	Church Hall	Voluntary Committee
PRESTWOOD & GREAT KINGSHILL .....	Memorial Hall, Prestw'd	Voluntary Committee
PRINCES RISBOROUGH .....	Baptist Church Room	Voluntary Committee
QUAINTON .....	Memorial Hall	Voluntary Committee
RICHINGS PARK .....	Church Room	Voluntary Committee
SEER GREEN & JORDANS	Baptist School Room	Voluntary Committee
SLOUGH .....	Health Centre	Voluntary Committee
STOKENCHURCH .....	Welfare Hut	Voluntary Committee
STOKE POGES .....	The Village Hall	Voluntary Committee
STONY STRATFORD .....	Church Hall	Voluntary Committee
TYLERS GREEN .....	Village Hall	Voluntary Committee
WADDESDON .....	Reading Room	Voluntary Committee
WENDOVER .....	British Legion Hall	Voluntary Committee
WINCHMORE HILL .....	Memorial Hall	Voluntary Committee
WING .....	Rothschild Hall	Voluntary Committee
WINSLOW .....	Church Hall	County Council
WOBURN SANDS .....	The Friends Meeting House	Voluntary Committee
WOLVERTON .....	Infant School	Voluntary Committee
WOOBURN GREEN .....	Chapel Room, The Green	Voluntary Committee
WRAYSBURY .....	Scout Hut	Voluntary Committee

(d) BIRTH AND DEATH RATES AND INFANT MORTALITY RATE, 1941 and 1942.

	Birth rate per 1000..		Death rate per 1000.		Infant Mortality rate per 1000 births		Phthisis death rate per 1000.		Maternal Mortality per. 1000 live and stillbirths	
	1942.	1941.	1942.	1941.	1942.	1941.	1942.	1941.	1942.	1941.
Aylesbury .....	14.8	13.2	9.3	10.3	30.5	40.7	0.4	0.7		
Beaconsfield .....	11.9	10.9	10.9	7.7	23.5	41.6	0.14	0.25		
Bletchley .....	16.8	13.9	7.8	9.5	45.75	41.1	0.3	0.4		
Buckingham .....	17.07	12.8	9.4	8.9	27.03	Nil.	0.46	0.2		
Chesham .....	17.3	10.6	11.5	9.8	14.4	31.8	0.2	0.7		
Eton .....	11.6	9.7	9.04	9.7	81.6	44.4	Nil.	0.45		
Linslade .....	10.9	9.4	10.9	11.1	30.3	29.4	0.6	Nil.		
Marlow .....	18.1	14.1	9.9	13.6	16.6	35.1	0.15	1.07		
Newport Pagnell ....	15.5	10.9	15.3	12.8	59.7	Nil.	0.4	0.4		
Slough .....	18.4	15.8	7.2	8.8	40.47	47.9	0.3	0.6		
Wolverton .....	11.1	9.6	12.1	13.1	12.6	36.1	0.3	0.5		
Wycombe .....	15.4	9.7	9.3	8.6	35.6	31.6	0.3	0.5		
Total Urban .....	16.1	12.5	9.1	9.6	34.8	38.9	0.3	0.5	1.3	3.4
Amersham .....	13.8	10.7	9.7	9.9	29.7	35.6	0.1	0.3		
Aylesbury .....	15.1	11.8	10.9	13.1	36.5	56.5	0.5	0.3		
Buckingham .....	15.7	12.2	10.2	11.1	35.0	31.5	0.2	0.6		
Eton .....	15.4	13.08	10.6	10.7	30.1	42.9	0.4	0.3		
Newport Pagnell ....	15.1	10.8	13.0	12.2	46.9	50.05	0.2	0.4		
Wing .....	12.1	10.6	16.6	13.8	50.5	55.04	0.3	0.3		
Windsor .....	13.8	9.6	11.7	12.3	90.1	51.02	0.2	0.4		
Wycombe .....	14.8	11.3	10.6	9.3	31.97	36.5	-0.2	0.4		
Total Rural .....	14.7	11.5	10.9	10.9	32.8	42.9	0.3	0.4	2.2	5.02
County .....	15.4	12.04	10.5	10.3	33.8	45.0	0.3	0.4	1.7	4.1
England and Wales...	15.8	14.2	11.6	12.9	49.0	59.0			2.01	2.23

(e) COMPARATIVE TABLE OF BIRTH, DEATH AND INFANT MORTALITY RATES FOR THE  
TEN YEAR PERIOD, 1933-42.

YEAR.	BIRTH RATE per 1,000 population.				DEATH RATE per 1,000 population.				INFANT MORTALITY RATE per 1,000 births.			
	Urban.	Rural.	County.	England and Wales.	Urban.	Rural.	County.	England and Wales.	Urban.	Rural.	County.	England and Wales.
1933 .....	13.7	13.3	13.5	14.4	10.7	11.7	11.2	12.3	43	46	45	64
1934 .....	15.4	13.8	14.4	14.8	10.0*	10.1*	11.0	11.8	43	44	44	59
1935 .....	15.4	14.1	14.7	14.7	9.5*	9.6*	10.5	11.7	33	37	35	57
1936 .....	15.6	13.6	14.6	14.8	10.0*	10.3*	11.1	12.1	42.5	47.7	44.9	59
1937 .....	15.5	14.1	14.8	14.9	10.4*	10.3*	11.3	12.4	38.7	42.2*	40.4	58.0
1938 .....	15.9	13.5	14.7	15.1	9.5*	10.4*	10.0	11.6	34.6	29.5	32.2	53.0
1939 .....	16.1	14.4	15.3	15.0	9.9*	9.3*	10.5	12.1	39.0	38.5	38.7	50.0
1940 .....	14.0	12.4	13.2	14.6	11.8*	10.9*	11.5	14.3	48.5	43.7	48.5	55.0
1941 .....	12.5	11.5	12.04	14.2	9.6	10.9	10.3	12.9	38.9	42.9	45.0	59.0
1942 .....	16.1	14.7	15.4	15.8	9.1	10.9	10.5	11.6	34.8	32.8	33.8	49.0

\*Corrected for age and sex distribution.

(f) NOTIFICATIONS OF INFECTIOUS DISEASES IN URBAN AND  
RURAL DISTRICTS, 1942.

DISTRICTS.	Tuber- culosis.		Ophthalmia Neonatorum.	Puerperal Pyrexia.	Cerebro Spinal Fever.	Poliomyelitis	Encephalitis Lethargica.	Pneumonia.	Malaria.	Dysentery.	Smallpox.	Enteric Fever.	Diphtheria.	Scarlet Fever.	Whooping Cough.	Measles.
	Pulmonary.	Other Forms.														
URBAN.																
Aylesbury .....	12	3	2	7	3	...	...	19	...	5	...	...	6	57	7	204
Beaconsfield .....	3	...	...	...	...	...	...	...	...	...	...	...	3	20	16	47
Bletchley .....	1	2	...	...	...	...	...	7	...	...	...	...	6	16	...	18
Buckingham .....	2	1	...	...	...	...	...	3	...	...	...	...	...	5	1	1
Chesham .....	...	...	...	...	...	...	...	...	...	...	...	...	...	28	2	8
Eton .....	1	...	...	...	...	2	...	...	...	...	...	...	...	13	...	2
Linslade .....	4	1	...	...	...	...	...	1	...	...	...	...	1	7	4	...
Marlow .....	1	...	...	1	...	...	...	2	...	...	...	...	...	5	12	59
Newport Pagnell .....	2	3	1	...	...	...	...	...	...	...	...	...	...	3	...	2
Slough .....	40	8	2	9	7	2	...	27	1	...	...	...	5	64	37	180
Wolverton .....	5	5	...	1	...	...	...	22	...	...	...	...	3	11	1	93
Wycombe .....	12	12	4	8	2	1	...	3	...	2	...	...	5	55	17	20
Total Urban .....	83	35	9	26	12	6	...	84	1	7	...	...	31	284	97	634
RURAL.																
Amersham .....	18	9	1	13	6	2	...	17	...	...	...	2	32	46	81	102
Aylesbury .....	19	5	...	2	5	1	...	6	2	4	...	1	6	98	5	96
Buckingham .....	1	3	...	1	...	...	...	13	...	...	...	...	3	15	6	11
Eton .....	19	6	1	16	6	3	...	4	...	2	...	...	2	53	55	122
Newport Pagnell .....	3	4	...	9	...	...	...	8	...	16	...	...	1	21	8	7
Wing .....	1	...	...	2	...	1	...	4	...	...	...	...	...	18	1	43
Winslow .....	1	1	...	...	...	...	...	2	...	...	...	...	6	12	...	45
Wycombe .....	10	8	...	5	1	...	...	12	...	...	...	...	18	102	37	70
Total, Rural ...	72	36	2	48	18	7	...	...	2	22	...	3	68	365	193	496
County .....	155	71	11	74	30	13	...	150	3	29	...	3	99	649	290	1130



(g) CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE IN THE ADMINISTRATIVE COUNTY OF BUCKINGHAM,  
1942.

CAUSES OF DEATH.		AGGREGATE OF URBAN DISTRICTS.								AGGREGATE OF RURAL DISTRICTS.							
		Sex.	All Ages.	0-1	1--	5--	15--	45--	65--	All Ages.	0-1	1--	5--	15--	45--	65--	
ALL CAUSES.																	
1	Typhoid and Parat. Fevers	M	872	69	15	16	89	198	485	1,038	53	16	17	82	236	634	
		F	885	38	11	11	89	203	535	988	36	8	12	68	218	646	
2	Cerebro-Spinal Fever .....	M	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		F	1	...	...	...	1	...	...	...	...	...	...	...	...	...	
3	Scarlet Fever .....	M	3	1	2	...	...	...	...	1	...	1	...	...	...	...	
		F	2	...	1	...	...	1	...	...	...	...	3	...	...	...	
4	Whooping Cough .....	M	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		F	...	...	...	...	...	...	...	3	2	1	...	...	...	...	
5	Diphtheria .....	M	1	1	...	...	...	...	...	...	...	...	...	...	...	...	
		F	2	...	1	1	...	...	...	1	...	1	...	...	...	...	
6	Tuberculosis of Resp. System .....	M	36	...	...	...	20	13	3	2	...	...	...	...	...	1	
		F	24	...	...	...	18	5	1	34	...	...	...	19	11	4	
7	Other forms of Tuberculosis .....	M	4	...	3	1	...	...	...	18	...	...	...	13	2	3	
		F	7	...	2	2	1	2	...	4	...	1	2	1	...	...	
8	Syphilitic Diseases .....	M	6	...	...	...	2	3	1	11	1	3	3	4	...	...	
		F	7	1	...	...	...	5	1	8	...	...	...	...	4	...	
9	Influenza .....	M	4	...	...	1	...	...	2	1	...	1	...	3	4	10	
		F	4	...	...	1	...	1	2	19	1	1	...	2	1	1	
10	Measles .....	M	...	...	...	...	...	...	...	4	...	...	...	...	...	...	
		F	1	1	...	...	...	...	...	...	...	...	...	...	...	...	
11	Ac. Polio-Myel. and Polio-Enceph. ....	M	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		F	...	...	...	...	...	...	1	...	...	...	...	...	...	...	
12	Ac. Inf. Enceph. ....	M	1	...	...	...	...	...	...	...	...	...	...	...	...	...	
		F	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
13	Cancer of Buc. Cav. and Esoph. (M.) .....	M	11	...	...	1	...	2	8	...	...	...	...	...	5	17	
		F	12	...	...	...	2	6	4	22	...	...	...	2	19	14	
14	Cancer of Stomach and Duodenum .....	M	33	...	...	...	4	12	17	35	...	...	...	...	12	21	
		F	21	...	...	...	1	8	12	33	...	...	...	...	5	21	
15	Cancer of Breast .....	M	...	...	...	...	...	...	...	27	...	...	...	...	...	...	
		F	31	...	...	...	5	16	10	...	...	...	...	...	...	...	
16	Cancer of all other sites	M	101	...	...	1	6	29	65	44	...	...	...	7	17	20	
		F	69	...	...	2	8	25	34	117	...	...	...	6	34	77	
										100	...	...	...	3	48	49	



(b) RETURN—DIPHTHERIA IMMUNISATION FOR THE YEAR 1942.

1. Borough or Urban District.	2. No. of children who received full course.		3. Approx. estimated no. of children in area at 31.12.42.		4. Estimated % of children under 3 immunised at 31.12.42.		5. No. of cases of diphtheria notified in 1942. (0-15 years).	6. No. of cases in Col. 5 known to have completed immunisation not less than 12 weeks before onset of disease.	7. No. of deaths from diphtheria of children under 15.	8. No. of deaths in Col. 7 where known to have completed immunisation.
	Under 5.	5-15 yrs.	Under 5.	5-15 yrs.	Under 5.	5-15 yrs.				
Aylesbury .....	336	178	1,049	4,191	69.7	56.5	4	—	—	—
Beaconsfield .....	54	55	400	850	62.2	66.8	2	—	—	—
Bletchley .....	105	45	522	1,004	—	—	2	—	2	—
Buckingham .....	25	78	280	540	—	—	—	—	—	—
Chesham .....	142	107	665	1,900	75.3	87.7	1	—	—	—
Eton .....	36	34	220	324	24.	87.	—	—	—	—
Linslade .....	19	52	—	—	—	—	—	—	—	—
Marlow .....	87	100	500	1,200	70.	60.	—	—	—	—
Newport Pagnell ..	77	83	322	800	55.	73.	—	—	—	—
Slough .....	855	717	5,000	9,133	30.5	72.3	1	1	—	—
Wolverton .....	81	567	1,045	2,482	—	90.9	2	1	—	—
Wycombe .....	670	477	2,600	7,040	68.	78.	1	—	1	—
<b>Rural Districts.</b>										
Amersham .....	—	2,942	—	3,156	—	93.2	2	—	—	—
Aylesbury .....	298	202	2,300	5,640	20.	72.6	2	—	—	—
Buckingham .....	92	81	500	1,010	62.2	98.7	2	—	1	—
Eton .....	285	325	3,386	4,337	18.3	86.2	2	—	—	—
Newport Pagnell ..	60	14	800	2,800	31.	62.	—	—	—	—
Wing .....	105	207	700	1,600	50.	84.	—	—	—	—
Winslow .....	181	738	482	1,215	37.	60.	4	1	1	—
Wycombe .....	362	1,035	2,850	5,600	24.14	74.7	4	1	—	1



